

1. COMPONENT  ARMY	FY 2008 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 31 AUG 2005 06 MAY 2002
3. INSTALLATION AND LOCATION Fort Example CONUS			4. PROJECT TITLE Automated Field Fire Range(AFF)		
5. PROGRAM ELEMENT	6. CATEGORY CODE  178 03	7. PROJECT NUMBER  58772	8. PROJECT COST (\$000)  3,400		
9. COST ESTIMATES					
1.0000 /US\$	ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					2,876
	Stationary Infantry Tgt. Emplmts	EA	96	4,569	(439)
	One Man Foxhole	EA	32	3,337	(107)
	Service Roads	LS	--	--	(68)
	Grading & Drainage	LS	--	--	(162)
	Clearing & Grubbing	LS	--	--	(55)
	Total from Continuation page(s)				(2,045)
SUPPORTING FACILITIES					205
	Electric Service	LS	--	--	(205)
ESTIMATED CONTRACT COST					3,081
CONTINGENCY PERCENT (5.00%)					154
SUBTOTAL					3,235
SUPERVISION, INSPECTION & OVERHEAD (5.70%)					184
TOTAL REQUEST					3,419
TOTAL REQUEST (ROUNDED)					3,400
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction  Construct a standard Automated Field Fire Range (AFF). Primary facilities include small range operations center, general instruction building, ammo breakdown building, operations/storage building, latrine, bleacher enclosure, and covered mess. Supporting facilities include electric service and information systems. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Anti-terrorism/force protection measures include reinforced metal doors, exterior lighting, laminated glass and security grates for windows. Access for individuals with disabilities is not required. Demolish buildings ( __ total m2). Air conditioning (estimated __ kwr).					
11. REQ:                      NONE              ADQT:                      NONE              SUBSTD:                      NONE					

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<p>9. COST ESTIMATES (CONTINUED)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">U/M</th> <th style="text-align: left;">Qty</th> <th style="text-align: left;">Unit Cost</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="4">PRIMARY FACILITY (CONTINUED)</td> <td style="text-align: right;">2,045</td> </tr> <tr> <td>Demolition</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(1)</td> </tr> <tr> <td>Lane Markers</td> <td>EA</td> <td>32</td> <td>288.56</td> <td style="text-align: right;">(9)</td> </tr> <tr> <td>Limit Markers</td> <td>EA</td> <td>2</td> <td>1,157</td> <td style="text-align: right;">(2)</td> </tr> <tr> <td>Security Barrier</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(4)</td> </tr> <tr> <td>Range Operations &amp; Control Area</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(100)</td> </tr> <tr> <td>Downrange Electrical</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(1,306)</td> </tr> <tr> <td>Control Tower</td> <td>m2</td> <td>23.04</td> <td>8,894</td> <td style="text-align: right;">(205)</td> </tr> <tr> <td>Operations/Storage Building</td> <td>m2</td> <td>74.32</td> <td>1,178</td> <td style="text-align: right;">(88)</td> </tr> <tr> <td>General Instruction Building</td> <td>m2</td> <td>74.32</td> <td>1,184</td> <td style="text-align: right;">(88)</td> </tr> <tr> <td>Latrine, Dual Sex, Aerated Vault</td> <td>m2</td> <td>18.02</td> <td>3,443</td> <td style="text-align: right;">(62)</td> </tr> <tr> <td>Bleacher Enclosure</td> <td>m2</td> <td>54.44</td> <td>1,490</td> <td style="text-align: right;">(81)</td> </tr> <tr> <td>Covered Mess</td> <td>m2</td> <td>70.61</td> <td>923.81</td> <td style="text-align: right;">(65)</td> </tr> <tr> <td>Ammo Breakdown Building</td> <td>m2</td> <td>16.82</td> <td>1,995</td> <td style="text-align: right;">(34)</td> </tr> </tbody> </table> <p>PROJECT: Construct a standard Automated Field Fire Range (AFF). ([New] [Current] mission.</p> <p>REQUIREMENT: This information is prepared to address the question "Why is the project needed now?" A continuing need for the project should also be indicated. Include a sentence stating the average daily loads/training throughput. Any alternatives to project construction should be identified along with the corresponding rational for rejection. In cases where the project is required to support unit activations, stationing actions or equipment modernization, clearly indicate what type of unit or what type of equipment has generated the programming action. List the units generically, not specifically. Also, provide a statement indicating if the project has been validated by the Range Development Plan.</p> <p>CURRENT SITUATION: This information is required to answer the questions "How is the need currently being met" and "How does the unit currently operate?" Avoid emotional appeals. Be factual. Do not state that mission is not being met, instead describe the deficiencies in meeting mission. Include all factors considered in determining that the current facilities are not suitable for continued use.</p>			Item	U/M	Qty	Unit Cost	Cost (\$000)	PRIMARY FACILITY (CONTINUED)				2,045	Demolition	LS	--	--	(1)	Lane Markers	EA	32	288.56	(9)	Limit Markers	EA	2	1,157	(2)	Security Barrier	LS	--	--	(4)	Range Operations & Control Area	LS	--	--	(100)	Downrange Electrical	LS	--	--	(1,306)	Control Tower	m2	23.04	8,894	(205)	Operations/Storage Building	m2	74.32	1,178	(88)	General Instruction Building	m2	74.32	1,184	(88)	Latrine, Dual Sex, Aerated Vault	m2	18.02	3,443	(62)	Bleacher Enclosure	m2	54.44	1,490	(81)	Covered Mess	m2	70.61	923.81	(65)	Ammo Breakdown Building	m2	16.82	1,995	(34)
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